

Message

From: Duchovnay, Andrew [Duchovnay.Andrew@epa.gov]
Sent: 11/29/2017 6:18:28 PM
To: rogers, rick [rogers.rick@epa.gov]
Subject: RE: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

Perhaps Lauren Davis could help. Lauren did the TSCA inspection at Washington Works and she is a chemical engineer.

From: rogers, rick
Sent: Wednesday, November 29, 2017 1:15 PM
To: Duchovnay, Andrew <Duchovnay.Andrew@epa.gov>
Subject: RE: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

Thanks. I'm trying to do that now. I need to speak to a chemist. I called Cindy Caporale to see if one of her staff can explain it to me. I'll go to ORD, next.

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From: Duchovnay, Andrew
Sent: Wednesday, November 29, 2017 1:04 PM
To: rogers, rick <rogers.rick@epa.gov>
Subject: RE: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

Rick, would you like me to track down anything?

From: rogers, rick
Sent: Wednesday, November 29, 2017 12:59 PM
To: Duchovnay, Andrew <Duchovnay.Andrew@epa.gov>; Reinhart, Roger <Reinhart.Roger@epa.gov>; Bennett, James <bennett.james@epa.gov>
Cc: Field, Stephen <Field.Stephen@epa.gov>; Day, Christopher <Day.Christopher@epa.gov>; Bigioni, Neil <bigioni.neil@epa.gov>; Coe, Mary <Coe.Mary@epa.gov>; Swan, Russell <Swan.Russell@epa.gov>; Ramalho, Louis <Ramalho.Louis@epa.gov>
Subject: RE: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

In the fact sheet, they describe GenX as the ammonium salt compound and the free acid as the precursor chemical. In other places, I see reference to GenX as referring to the dimer acid, not the ammonium salt. I'm wondering if they have that reversed in the fact sheet (first paragraph: "...produce GenX (an ammonium salt) and a GenX precursor chemical (a free acid),...")

In a paper published in ES&T Journal from an ORD sponsored study of PFAS in the Cape Fear River, the authors refer to GenX as the dimer acid.

In a press release Chemours sent out about the Cape Fear releases they said:

"The Chemours Company (Chemours) (NYSE: CC) today announced that it will capture, remove, and safely dispose of wastewater that contains the byproduct GenX generated from fluoromonomers production at its manufacturing plant in Fayetteville, North Carolina."

Ex. 5 Deliberative Process (DP)

It's very confusing but I'm trying to get clarification on this issue, but thought I'd point that out in case OECA has it switched.

Plus, Cecil asked what is the compound released that when it hits the river, turns into GenX.

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From: Duchovnay, Andrew
Sent: Wednesday, November 29, 2017 8:12 AM
To: Reinhart, Roger <Reinhart.Roger@epa.gov>; Bennett, James <bennett.james@epa.gov>; rogers, rick <rogers.rick@epa.gov>
Cc: Field, Stephen <Field.Stephen@epa.gov>; Day, Christopher <Day.Christopher@epa.gov>; Bigioni, Neil <bigioni.neil@epa.gov>; Coe, Mary <Coe.Mary@epa.gov>; Swan, Russell <Swan.Russell@epa.gov>; Ramalho, Louis <Ramalho.Louis@epa.gov>
Subject: FW: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

Attached is a draft briefing memo for an informal briefing with Susan Bodine. Mark points out in the transmittal memo below that he anticipates that the Regions will be asked to participate in the Bodine briefing. I wanted to bring this to everyone's attention. I don't know who in the Regions will be asked to participate.

Contact me if you have any questions.

Andy

From: Garvey, Mark
Sent: Tuesday, November 28, 2017 5:25 PM
To: Speir, Jeffrey <speir.jeffrey@epa.gov>; Schwartz, Paul <Schwartz.Paul@epa.gov>; Shell, Karrie-Jo <Shell.Karrie-Jo@epa.gov>; Fite, Mark <Fite.Mark@epa.gov>; Hall, Renea <Hall.Renea@epa.gov>; Jones, Aaryn <Jones.Aaryn@epa.gov>; George, Verne <George.Verne@epa.gov>; Miles, James <miles.james@epa.gov>; Saenz, Diana <Saenz.Diana@epa.gov>; Sullivan, Greg <Sullivan.Greg@epa.gov>; Duchovnay, Andrew <Duchovnay.Andrew@epa.gov>; Davis, Lauren O. <Davis.LaurenO@epa.gov>; Bean, Mark <Bean.Mark@epa.gov>; Schulz, Susan <Schulz.Susan@epa.gov>; Toney, Anthony <Toney.Anthony@epa.gov>; Bookman, Robert <Bookman.Robert@epa.gov>
Cc: Davis, Molly <Davis.Molly@epa.gov>; Allenbach, Becky <Allenbach.Becky@epa.gov>; Oif, Leslie

<Oif.Leslie@epa.gov>

Subject: RE: Draft GenX Paper for OECA Briefing With SDWA/CWA/ TSCA/RCRA

To Region 4 TSCA & Water teams,

I'm attaching a revised version of the briefing paper Jeff Speir sent earlier today. It now includes TSCA and RCRA sections along with a few sentences mentioning the Regions 3 and 2 involvement. After speaking with my Division Director this afternoon, this effort appears to be an extremely heavy lift to get ready by Thursday for my Office Director. While I'm still requesting comments by Thursday at noon, we will be talking with our Office Director tomorrow morning to see if there is any flexibility in the scheduling of the briefing paper. There are a lot of fast moving details here and we want to be accurate with Susan Bodine.

We will also be asking about the level of participation at the Susan Bodine meeting. We anticipate that each Region will be asked to participate. We can discuss this on Thursday afternoon's GenX bi-weekly general discussion that James Miles set up.

Please note that this is not a meeting requesting senior management direction, but rather an informational briefing for Susan Bodine.

Thanks,
Mark

Mark Garvey

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NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Speir, Jeffrey

Sent: Tuesday, November 28, 2017 12:08 PM

To: Schwartz, Paul <Schwartz.Paul@epa.gov>; Shell, Karrie-Jo <Shell.Karrie-Jo@epa.gov>; Fite, Mark <Fite.Mark@epa.gov>; Hall, Renea <Hall.Renea@epa.gov>; Jones, Aaryn <Jones.Aaryn@epa.gov>

Cc: Davis, Molly <Davis.Molly@epa.gov>; Allenbach, Becky <Allenbach.Becky@epa.gov>; Garvey, Mark <Garvey.Mark@epa.gov>

Subject: Draft GenX Paper for OECA Briefing

Hello, Region 4 Water Team:

The Director of the Office of Civil Enforcement at Headquarters has requested that we brief OECA leadership on GenX. The briefing will be for Larry Starfield, Patrick Traylor, and Susan Bodine, the Administrator's counsel for enforcement who has expressed interest in this matter. The briefing is scheduled for Monday, December 4 at 2:00 pm. Note: This briefing is not a request for an OECA decision; rather, it is a presentation of the issues and our federal authorities.

We have prepared the attached draft briefing paper. It somewhat resembles a briefing paper you likely saw in August, with more emphasis on background facts and the State's actions. **Ex. 5 Deliberative Process (DP)** My counterpart in our TSCA/RCRA division will send his updates to the relevant Region 4 TSCA/RCRA folks.

Unfortunately, the deadline to send up the briefing paper is tight. Please provide any feedback you may have to me and Mark Garvey (cc'd) by Thursday, November 30 at noon. I apologize about the timing.

Please let me know if you have any questions or if you would like to discuss this further.

-Jeff

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